INTRAPHEX™

TOTAL VEHICLE TECHNOLOGIES

4.3” GPS Rearview Mirror with Bluetooth

User Manual

TD43TOUCHPLUS

Introduction

Thank you for choosing a INTRAPHEX product!

1. Visit our website www.intraphex.com for a copy of this manual as well as any updated information on your device.
2. Please be sure to copy the contents of the SD card in case of file corruption, or data loss.
3. Pictures in the manual are for reference only.

Caution:

1) If you are having trouble receiving a GPS signal, please check the following possible causes:

   a): Please check the connection of the GPS antenna on the rear of the device.

   b): For initial satellite reception, it may take up to 20 minutes, please allow time for updates and satellite reception.

   c): Please be sure that GPS antenna has a clear view of the sky, tall buildings may interfere with GPS reception.

2) Driver should not operate this navigation device while driving. Please be sure to obey all traffic laws and regulations while using this product.

3) Due to firmware updates, some differences may occur with manual and actual product. Please refer to www.intraphex.com for any updates to your device.

Contents

GPS Introduction 4

Product Appearance 5

Basic Operation 5

Bluetooth Function 6

Bluetooth Function (continued) 7-9

Settings 10-12

Cable Connection 13

Technical Parameter Form 14

GPS Trouble Shooting 14

INTRAPHEX GPS Introduction

GPS NAVIGATION

Insert supplied SD memory card with map data content, choose navigation, then operate according to menu to start navigation.

NAVIGATION FUNCTION

This unit receives signals from satellites with the GPS receiver to pinpoint and display your location on the map. The system will calculate the best route automatically after the user sets the destination. Please refer to the tutorial included in your navigation software for further instructions.

ABOUT MAP DATA

The device uses the latest map data for navigation. Please be sure to check your local rules and regulations of the road as they may have changed without the knowledge of the map data supplier.

NAVIGATION

This GPS device supplies the suggested routing for reference only.

RECEIVING GPS SIGNAL

Receiving a GPS signal can be affected by many variables (examples: tunnels, tall buildings, underground parking structures and solar flares) Please allow up to 20 minutes for GPS reception.

GPS ACCURACY

The accuracy of the GPS system is usually within 30 feet.

Product Appearance

1. Handsfree Answer
2. Handsfree End Call
3. Power On/Off
4. Handsfree Shortcut Key
5. Main Menu

Basic Operation

Turn ON car ignition, GPS mirror will automatically power on. When car ignition is turned OFF GPS mirror will automatically power off.

- Settings: Navigation, Volume, Languages etc.
- Navigation: Start Navigation
- Bluetooth: Pair Bluetooth Phone, Hands-free calling

INTRAPHEX™
Total Vehicle Technologies

Bluetooth Function

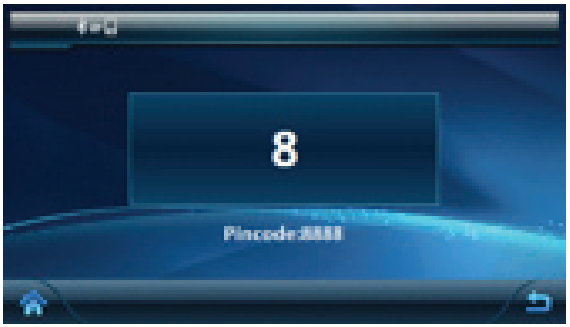
Once a bluetooth phone is paired with this device, you can use this device as a hands-free device to send and receive telephone calls.

1. Pairing

To Pair with your mobile phone:

- Enter the Bluetooth main menu
- Press the pairing icon

- Once the pairing is active, using your mobile phone search for BTA. **Select this device.**

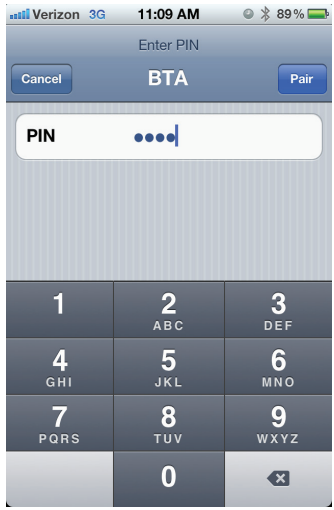


- Every mobile phones Bluetooth functions differently, please see your mobile phones Users Guide to ensure proper Bluetooth pairing procedure.

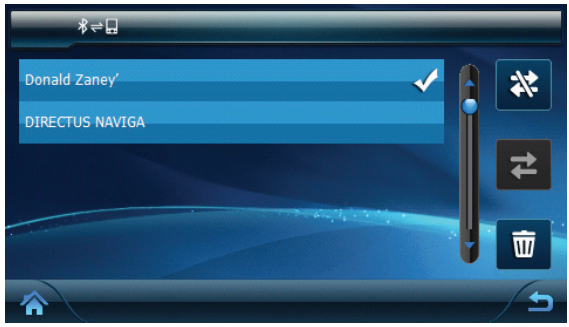
INTRAPHEX™
Total Vehicle Technologies

1. Pairing Continued...

- Enter the pin code on your mobile phone (default is 8888) and press pair



- Your Bluetooth should now be paired, the TD43touch will hold a maxium of 5 Bluetooth profiles and will automatically pair to the first phone available on the list of paired devices, when the TD43touch is turned on



Press to delete all paired devices

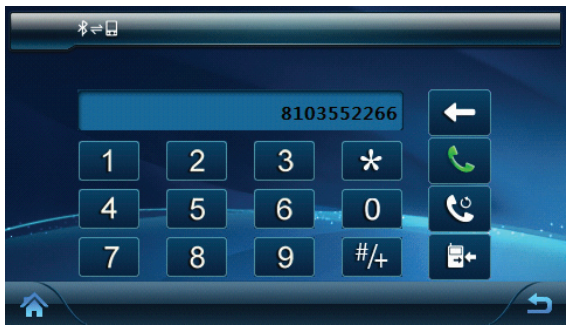
Press to unpair the **selected** mobile phone

Press to pair another listed device. Simply choose the desired device and press the pair icon

2. Placing a Call

- To place a hands free call simply press the **Dial Pad** icon

- Then dial the desired number and press the green send icon



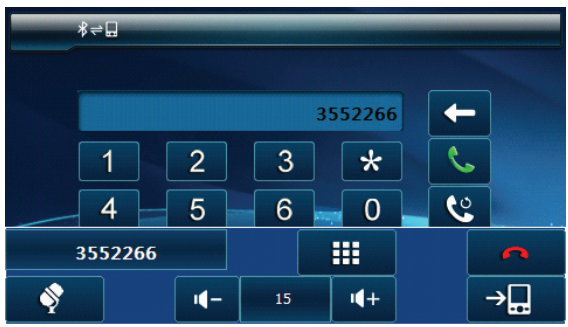
- **While in call**

Press to mute microphone

Press to display the dialpad

Press to send to mobile phone for privacy

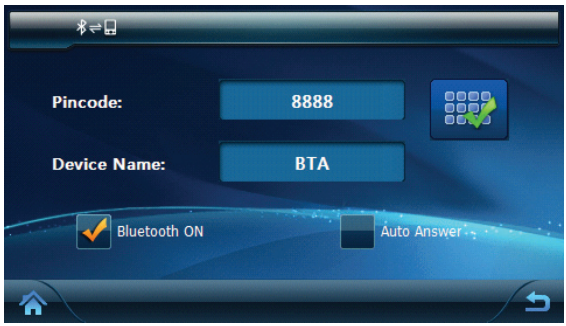
Press to end call



INTRAPHEX™
Total Vehicle Technologies

3: Bluetooth Settings

Bluetooth Setting: In Bluetooth menu, click “Settings”



Bluetooth on the GPS Mirror is always ON, to disconnect Bluetooth you must do so on your mobile phone.

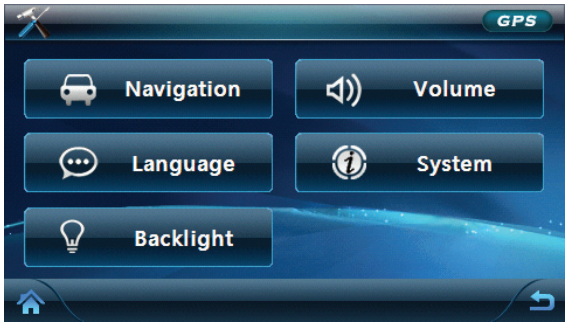
To enable auto answer you must the box next to Auto Answer.

Click to set PIN code.

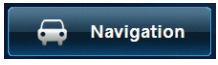
INTRAPHEX™
Total Vehicle Technologies

Settings

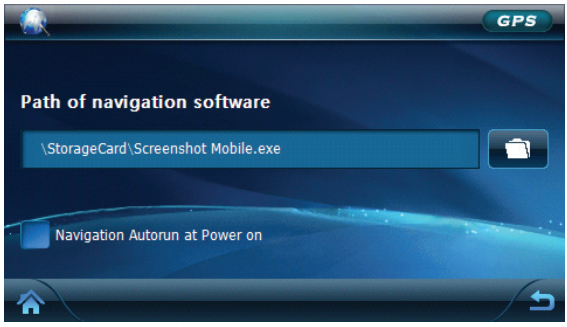
Click “Settings” in main menu



1. GPS settings

Click 

to set up navigation



Click choose “Navigation Autorun at Power on” We suggest to choose this option, when powering on, the system will automatically launch run navigation, otherwise it will not auto run launch the navigation software.

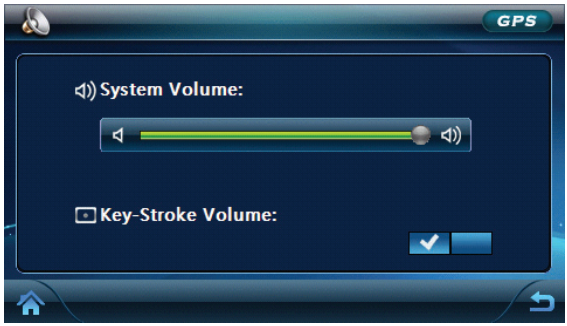
Click Search Navigation
to find the path of
navigation software.

Using the folder structure, find “mobilenavigator.exe” file, double click it to set the path. Return to the main menu, click “Navigation” to launch the GPS Navigation program

2. Volume set up

Click

to set up volume



3. Language setting

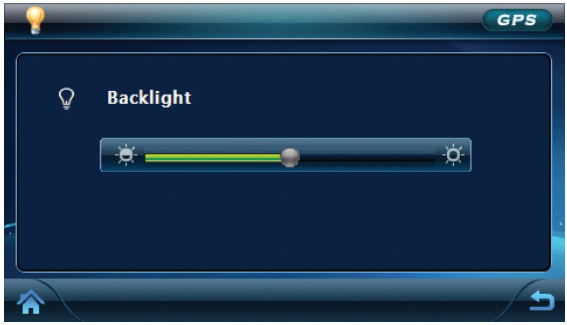
Click

to set up language

4. Brightness setting

Click

to set up brightness

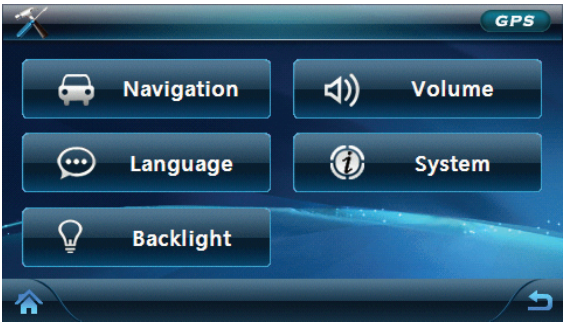


INTRAPHEX™
Total Vehicle Technologies

5. System set up

Click

to set up system



System info:

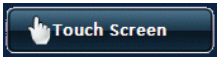
ID: Device hardware ID number

VER: Software version number

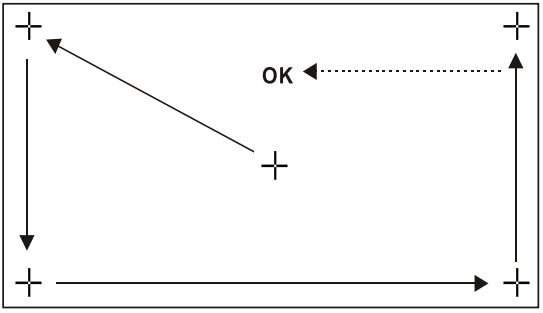
Memory Storage:
Built-in RAM size, usable size/total size

Available Memory:
Built-in Flash size, usable size/total size

Touch Screen Calibration:
If touch screen becomes less responsive, due to high heat or use, click the

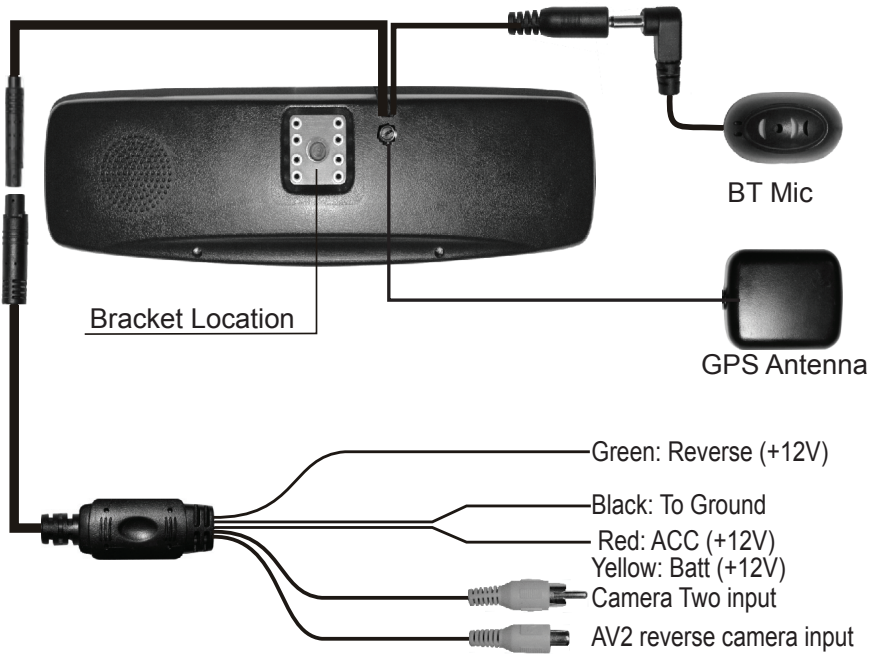


button and follow the calibration tutorial seen below by touching each of the "+" as they are placed on the screen



INTRAPHEX™
Total Vehicle Technologies

CABLE CONNECTION



Technical Details

GPS Parameter	Satellite Receive Channel	24
	Orient Precision	<15m
	Orient Time	cold boot<60s warm boot<37s hot boot<19s
	Fresh frequence	1Hz
	Map store	SD card
	Speaker	1W
	Centre frequence	1575.42MHz
	Antenna length	3.5M

System Parameter	Touch screen	4.3inch 4line electronic-resistance
	Power supplier	DC12V(±10%)
	Consume electricity	<1A
	Operate temperature	-1°C— +55°C
	Storage temperature	-20°C— +70°C

GPS Trouble Shooting

Problem	Probable Reason	Solution
Does not work	1. Power cable not properly connected 2. High temperature may cause device not to work correctly	1. Check power cable is connected properly 2. Power off for a while, after unit cools, restart it
No GPS signal	1. GPS antenna not properly connected 2. Unit may take up to 20 min to receive initial signal. 3. Under bridge or in tunnel, bad GPS signal	1. Check GPS antenna 2. The device need some time to run and get GPS signal, please wait for a while 3. Drive to a open area to get good signal
Device fails while using	Possible software hangup Corrupted sd card	Restart device
Panel keeps flashing	Power cable not properly connected	Check power cable
No voice guidance, Navigation picture is wrong	1. Happens when recalculating route 2. New road not in map data 3. On covered road, bad GPS signal	1. This is normal when system re-routes, please wait 2. Keep driving, GPS will automatically recalculate 3. Make sure vehicle has good view of the sky

INTRAPHEX a division of **TATMAR L.L.C.**
8200 Embury Rd., Suite 6
Grand Blanc, MI 48439 USA
Tel: +1-810-355-2266 • Fax: +1-866-431-0676
WWW.INTRAPHEX.COM